



6-12-06

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application of:	Kroczek	Confirmation No.:	9651
Serial No.:	10/647,072	Art Unit:	1644
Filed:	August 22, 2003	Examiner:	To Be Assigned
For:	COSTIMULATING POLYPEPTIDE OF T CELLS, MONOCLONAL ANTIBODIES, AND THE PREPARATION AND USE THEREOF	Attorney Docket No.:	709181-999261
		Attorney Ref. No.	7853-267-999

**REQUEST FOR CORRECTION OF FILING RECEIPT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Applicant encloses herewith the Updated Filing Receipt and a copy thereof indicating in red the necessary corrections in connection with the above-identified application. Specifically, the filing receipt reflects an error in the title of the Application. The title "CONSTIMULATING POLYPEPTIDE OF T CELLS, MONOCLONAL ANTIBODIES, AND THE PREPARATION AND USE THEREOF" is incorrect; the title should recite instead "COSTIMULATING POLYPEPTIDE OF T CELLS, MONOCLONAL ANTIBODIES, AND THE PREPARATION AND USE THEREOF". As evidence of the correct title, enclosed is a copy of the page 1 of the present application, on which the title is highlighted. Applicant respectfully requests that the title be corrected in the file of the above-identified application.

No fee is believed due. However, should the Patent Office determine otherwise, the Commissioner is hereby authorized to charge any required fee(s) to Jones Day Deposit Account No. 50-3013. A copy of this sheet is enclosed for such purpose.

Respectfully submitted,

Date: June 8, 2006

Nikolaos C. George 39,201  
Nikolaos C. George (Reg. No.)  
**JONES DAY**  
222 East 41st Street  
New York, New York 10017  
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by: Mune Abu Shoen  
LOO12

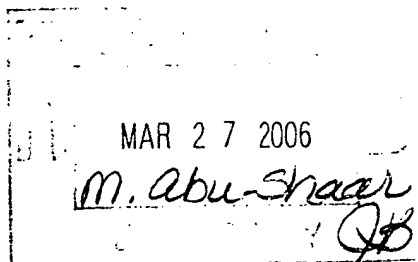


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APPL NO.	FILING OR 371 (c) DATE	ART UNIT	FIL FEE REC'D	ATTY. DOCKET NO	DRAWINGS	TOT CLMS	IND CLMS
10/647,072	08/22/2003	1644	1994	709181-999261	16	76	4

20583  
 JONES DAY  
 222 EAST 41ST ST  
 NEW YORK, NY 10017



CONFIRMATION NO. 9651 ✓

## UPDATED FILING RECEIPT



\*OC000000018361066\*

007853-0267-999

Date Mailed: 03/23/2006

Receipt is acknowledged of this regular Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please mail to the Commissioner for Patents P.O. Box 1450 Alexandria Va 22313-1450. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).**

## Applicant(s)

✓ Richard KroczeK, Berlin, GERMANY;

Power of Attorney: None

## Domestic Priority data as claimed by applicant

This application is a CON of 09/509,283 08/11/2000 ✓  
 which is a 371 of PCT/DE98/02896 09/23/1998 ✓

## Foreign Applications

GERMANY 19741929.1 09/23/1997  
 GERMANY 19821060.4 05/11/1998

If Required, Foreign Filing License Granted: 12/30/2003

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US10/647,072**

Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

**Title**

Constimulating polypeptide of T cells, monoclonal antibodies, and the preparation and use thereof ✓

**Preliminary Class**

536

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For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, <http://www.stopfakes.gov>. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4158).

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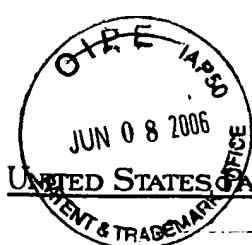
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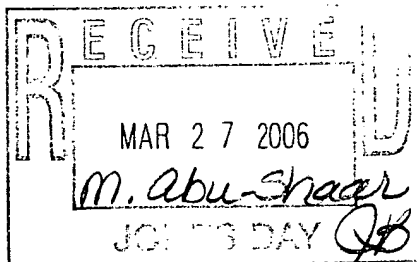


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## Power of Attorney: None

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Projected Publication Date: Not Applicable

Non-Publication Request: No

Early Publication Request: No

Title Costimulating  
~~Constimulating~~ polypeptide of T cells, monoclonal antibodies, and the preparation and use thereof ✓

Preliminary Class

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**Costimulating Polypeptide of T Cells, Monoclonal Antibodies,  
And the Preparation and Use Thereof**

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This application claims priority of U.S. patent application Serial No. 09/509,283, filed August 11, 2000, which claims priority to PCT Application PCT/DE98/02896, filed September 23, 1998, and German Applications DE 19821060.4, filed May 11, 1998, and DE 19741929.1, filed September 23, 1997, each of which is incorporated herein by reference in its entirety.

[001] The invention relates to a polypeptide (8F4 molecule) having the biological activity of costimulating T cells. The invention further relates to monoclonal antibodies against the 8F4 molecule and hybridoma cells which produce the monoclonal antibodies. The invention additionally relates to the use of substances which inhibit the biological activity of the polypeptide 8F4 according to the invention, in particular monoclonal antibodies, natural or synthetic ligands, agonists or antagonists, as pharmaceuticals. In particular, the invention relates to the use of these substances for the prevention or therapy of disorders in which the immune system is involved, in particular for the treatment of autoimmune diseases and for the prevention of rejection reactions with organ transplants. The invention additionally relates to the use of the 8F4 molecule or of cells which contain the 8F4 molecule as pharmaceuticals, in particular for the prevention or therapy of disorders in which the immune system is involved, in particular for the treatment of cancers, Aids, asthmatic disorders or chronic viral diseases such as HCV or HBV infections. The invention further relates to the use of substances which specifically recognize the polypeptide according to the invention, in particular monoclonal antibodies, natural or synthetic ligands, agonists or antagonists, for the diagnosis of disorders in which the immune system is involved. In particular, the invention relates to diagnosis by means of an ELISA detection, a flow cytometry or a Western blot, a radioimmunological detection, a nephelometry or a histochemical staining.

[002] T lymphocytes recognize their antigen, which is presented by "antigen-presenting cells", for example dendritic cells, B cells and macrophages, through their T-cell receptor. Recognition of the antigen by the T-Cell receptor alone is, however, in most cases insufficient